

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1556	7/151-156.cds.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 14:39
L2	11	("3025994" "1783070" "1621798").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 14:39
L3	2	("1783070" "3025994").URPN.	USPAT	OR	OFF	2006/06/12 14:39
L4	3476	(can adj (opener opening)).tl.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 14:39
L5	653	L4 and slot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 14:39
L6	22	("3656375" "3724297" "4120216" "4167056" "4207781" "4287794" "4309921" "4362071" "4391167" "4583429" "D240188" "D267925").PN. OR ("5018409").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 14:39
L7	24	("3290967" "3724297" "3954030" "4167056" "4207781" "4241626" "4287794" "4362071" "4583429" "4723465" "5018409" "5095777" "5222265" "5309794" "5555778" "5833285" "5913953" "6070497" "6311580" "6354174" "D240188").PN. OR ("6945137"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 14:39
L8	16	("1368038" "1461151" "2624489" "4391167" "4416171" "4520695" "4745829" "5095777" "5205194" "5277083" "D303613" "D304414").PN. OR ("5913953").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 14:39
L9	6	("1461151").URPN.	USPAT	OR	OFF	2006/06/12 14:39

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L10	417	L4 and (loop hoop ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 14:39
L11	599	L4 and (loop hoop ring tab)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 14:39
L12	16	("1368038" "1461151" "4133228" "4241626" "4253352" "4257287" "4309921" "4416171" "4563919").PN. OR ("5095777"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 14:39
L13	141	L4 and (inch\$2 millimeter\$2 centimeter\$2 "mm" "cm")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 14:39
L14	2	"4583429".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 14:39
L15	84	("0762258" "1368038" "1461151" "2187394" "2609962" "2624489" "2802211" "3724297" "4133228" "4241626" "4253352" "4257287" "4309921" "4373223" "4391167" "4416171" "4520695" "4563919" "4745829" "5095777" "5205194" "5277083" "D185566" "D269587" "D303613" "D304414").PN. OR ("1461151" "1621798" "1783070" "1862972" "2624489" "3025994" "3460411" "4133228" "5095777" "5913953" "D274688").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 14:39
L16	547	81/3.55.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 14:39

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L17	1152	L1 not ((81/3.08,3.15,3.4,3.47,3.48,3.49,ccds.) or (L2 L3 L4 L5 L6 L7 L8 L9 L10 L11 L12 L13 L14 L15 L16))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 14:40
L18	148	17 and (slot slots groove)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 14:41
L19	156	17 and (slot slots slot\$5 groove)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 14:41
L20	1	("2919049").URPN.	USPAT	OR	OFF	2006/06/12 14:46
S1	7550	(can near2 (opener opening open\$3)).tl.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/17 14:49
S2	4862	(can near2 (opener opening)).tl.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/17 14:50
S3	2688	S1 not S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/17 14:49
S4	3437	(can adj (opener opening)).tl.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/17 15:37
S5	10	("3025994" "1783070" "1621798").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/04 12:42
S6	2	("1783070" "3025994").URPN.	USPAT	OR	OFF	2006/01/04 12:47
S7	3451	(can adj (opener opening)).tl.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/04 13:31
S8	652	S7 and slot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/04 13:11

6/12/06 2:55:43 PM

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S9	19	("3656375" "3724297" "4120216" "4167056" "4207781" "4287794" "4309921" "4362071" "4391167" "4583429" "D240188" "D267925").PN. OR ("5018409").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/04 12:57
S10	23	("3290967" "3724297" "3954030" "4167056" "4207781" "4241626" "4287794" "4362071" "4583429" "4723465" "5018409" "5095777" "5222265" "5309794" "5555778" "5833285" "5913953" "6070497" "6311580" "6354174" "D240188").PN. OR ("6945137").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/04 12:58
S11	16	("1368038" "1461151" "2624489" "4391167" "4416171" "4520695" "4745829" "5095777" "5205194" "5277083" "D303613" "D304414").PN. OR ("5913953").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/04 12:59
S12	6	("1461151").URPN.	USPAT	OR	OFF	2006/01/04 13:00
S13	414	S7 and (loop hoop ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/04 13:11
S14	594	S7 and (loop hoop ring tab)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/04 13:12
S15	16	("1368038" "1461151" "4133228" "4241626" "4253352" "4257287" "4309921" "4416171" "4563919").PN. OR ("5095777").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/04 13:26
S16	141	S7 and (inch\$2 millimeter\$2 centimeter\$2 "mm" "cm")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/04 13:32

6/12/06 2:55:43 PM

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S17	2	"4583429".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/01/04 13:43
S18	83	("0762258" "1368038" "1461151" "2187394" "2609962" "2624489" "2802211" "3724297" "4133228" "4241626" "4253352" "4257287" "4309921" "4373223" "4391167" "4416171" "4520695" "4563919" "4745829" "5095777" "5205194" "5277083" "D185566" "D269587" "D303613" "D304414").PN. OR ("1461151" "1621798" "1783070" "1862972" "2624489" "3025994" "3460411" "4133228" "5095777" "5913953" "D274688").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/04 14:07
S19	539	81/3.55.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 11:00
S20	1358	81/3.08.3.15.3.4.3.47.3.48.3.49. ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/04 14:27
S21	1282	(81/3.08.3.15.3.4.3.47.3.48.3.49. ccls.) not (S5 S6 S7 S8 S9 S10 S11 S12 S13 S14 S15 S16 S17 S18 S19)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 11:00
S22	1134	S21 not ((jar or cark).tl.)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/04 14:29
S23	1556	7/151-156.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 11:00
S24	11	("3025994" "1783070" "1621798").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 11:00
S25	2	("1783070" "3025994").URPN.	USPAT	OR	OFF	2006/06/12 11:00

EAST Search History

S26	3476	(can adj (opener opening)).tl.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 11:00
S27	653	S26 and slot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 11:00
S28	22	("3656375" "3724297" "4120216" "4167056" "4207781" "4287794" "4309921" "4362071" "4391167" "4583429" "D240188" "D267925").PN. OR ("5018409").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 11:00
S29	24	("3290967" "3724297" "3954030" "4167056" "4207781" "4241626" "4287794" "4362071" "4583429" "4723465" "5018409" "5095777" "5222265" "5309794" "5555778" "5833285" "5913953" "6070497" "6311580" "6354174" "D240188").PN. OR ("6945137"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 11:00
S30	16	("1368038" "1461151" "2624489" "4391167" "4416171" "4520695" "4745829" "5095777" "5205194" "5277083" "D303613" "D304414").PN. OR ("5913953").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 11:00
S31	6	("1461151").URPN.	USPAT	OR	OFF	2006/06/12 11:00
S32	417	S26 and (loop hoop ring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 11:00
S33	599	S26 and (loop hoop ring tab)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 11:00

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S34	16	("1368038" "1461151" "4133228" "4241626" "4253352" "4257287" "4309921" "4416171" "4563919").PN. OR ("5095777").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 11:00
S35	141	S26 and (Inch\$2 millimeter\$2 centimeter\$2 "mm" "cm")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 11:00
S36	2	"4583429".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 11:00
S37	84	("0762258" "1368038" "1461151" "2187394" "2609962" "2624489" "2802211" "3724297" "4133228" "4241626" "4253352" "4257287" "4309921" "4373223" "4391167" "4416171" "4520695" "4563919" "4745829" "5095777" "5095777" "5205194" "5277083" "D185566" "D269587" "D303613" "D304414").PN. OR ("1461151" "1621798" "1783070" "1862972" "3025994" "3460411" "3460411" "4133228" "4207781" "4416171" "4583429" "4607407" "4723465" "5095777" "5913953" "D274688").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 11:00
S38	547	81/3.55.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 11:00
S40	0	("1783070").URPN.	USPAT	OR	OFF	2006/06/12 11:34
S41	6	("1461151").URPN.	USPAT	OR	OFF	2006/06/12 11:46
S42	0	10/820206.app.	USPAT	OR	OFF	2006/06/12 11:47
S43	6	("1461151").URPN.	USPAT	OR	OFF	2006/06/12 11:51
S44	9	("2624489").URPN.	USPAT	OR	OFF	2006/06/12 12:31
S45	1	"4583429".pn.	USPAT	OR	OFF	2006/06/12 12:31

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S46	21	("2902310" "3269586" "3656375" "3724297" "4034595" "4120216" "4133228" "4207781" "4241626" "4253352" "D267391").PN. OR ("4583429").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 12:32
S47	149	("0762258" "0810538" "1368038" "1461151" "1697974" "2187394" "2609962" "2624489" "2802211" "2902310" "3269586" "3656375" "3713200" "3724297" "3736643" "4034595" "4120216" "4133228" "4207781" "4241626" "4253352" "4257287" "4309921" "4373223" "4391167" "4416171" "4463631" "4507988" "4520695" "4563919" "4745829" "5095777" "5205194" "5277083" "D163422" "D185566" "D267391" "D269587" "D277635" "D277725" "D278024" "D303613" "D304414").PN. OR ("1376562" "1461151" "1621798" "1783070" "1862972" "2624489" "3025994" "3460411" "3806970" "4133228" "4207781" "4416171" "4583429" "4607407" "4723465" "5095777" "5913953" "D050949" "D274688").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 12:36
S48	56	S47 and flat\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 13:34
S49	1	("2609962").URPN.	USPAT	OR	OFF	2006/06/12 13:05
S50	5	"3151764".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/12 13:30
S51	9	("2624489").URPN.	USPAT	OR	OFF	2006/06/12 13:33

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S52	149	"076258" "081038" "1368038" "1461151" "1697974" "2187394" "2609962" "2624489" "2802211" "2902310" "3269586" "3656375" "3713200" "3724297" "3736643" "4034595" "4120216" "4133228" "4207781" "4241626" "4253352" "4257287" "4309921" "4373223" "4391167" "4414865" "4416171" "4463631" "4507988" "4520695" "4563919" "4745829" "5095777" "5205194" "5277083" "D163422" "D185566" "D267391" "D269587" "D277635" "D277725" "D278024" "D303613" "D304414".PN. OR ("1376562" "1461151" "1621798" "1783070" "1862972" "2624489" "3025994" "3460411" "3806970" "4133228" "4207781" "4416171" "4583429" "4607407" "4723465" "5095777" "5913953" "D050949" "D274688").ORPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 13:34
S53	56	S52 and flat\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 13:34
S54	93	S52 not S53	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/12 13:34